A LEVEL CHEMISTRY A



Examiner comment summary – Chemistry A (H432)



Use of the phrase 'scale of working' indicates that a quantity is required.

The 'appropriate number of significant figures' is the same as the least accurate data provided in the question.

Data may be presented at the start of the question and not repeated in each subsequent part. Draw displayed or structural formulae for cis/ trans isomers. This helps when showing the arrangement of groups around the C=C group. Learn reactions and reagents in the transition elements section of the specification.

Q. ~~~~ X

For multiple choice questions, eliminating options by annotating is good practice.

A Level in Chemistry A





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Candidates need to learn the key mechanisms in the specification. Precisely positioned curly arrows are extremely important.



Cross out incorrect formulae and replace them afresh. Changed numbers can be difficult to decipher and may not be credited.



When analysing spectra organise answers by discussing each spectrum in turn. Analysis is made easier if candidates label the spectrum.

Títratíon	1	2	3
Initial reading (cm ³)			
Final reading (cm ³)			
Títre (cm³)			

Communicate results clearly: show headings and units, and show numerical values to the accuracy of apparatus used.





To work out organic formulae adding H atoms to skeletal formulae is a good strategy. When calculating percentage uncertainties consider if a value is from a single reading or from the difference between two readings. The best plans to distinguish between compounds are brief, adopting an elimination approach.

The full candidate exemplar materials for the Chemistry A (H432) papers can be found on Interchange.

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